

Enhanced Vapor Recovery

EVR Update

Sacramento

May 14, 2008



**Air Resources Board
Cal-EPA**

Agenda

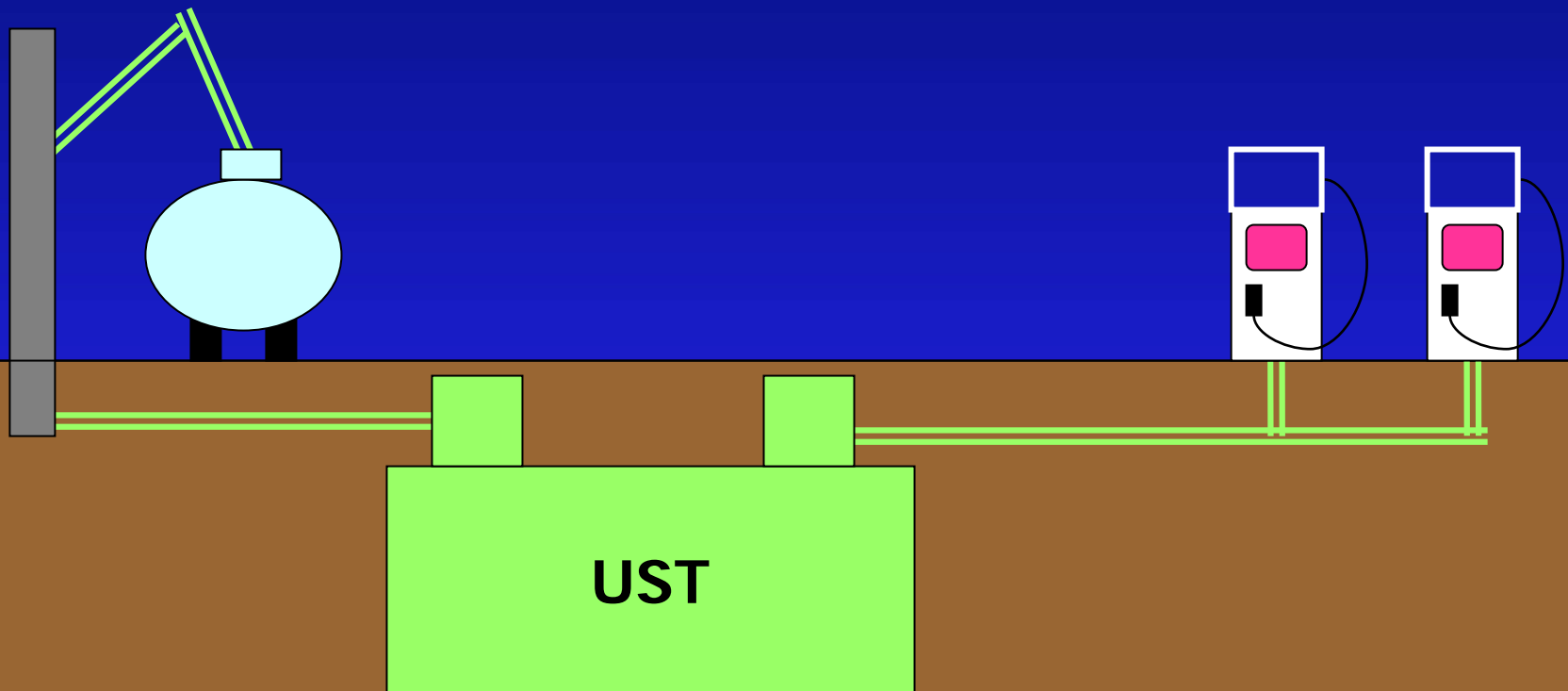
- EVR General Update
 - Limited Phase II extensions
 - EVR Replacement parts
- Progress Towards Meeting April 2009 EVR Phase II Deadline
 - Staff report review
- Question and Answer Session

EVR Phase II Deadline Extensions

- ARB Executive Officer can modify effective dates when no certified vapor recovery systems are available to meet current standards
- CP-201, Section 2.4.4
- Three situations identified that qualify for EVR Phase II extensions

Bulk Plant – GDF Combination

- Executive Order in process to provide extension until April 1, 2011



GDFs with Condensate Traps

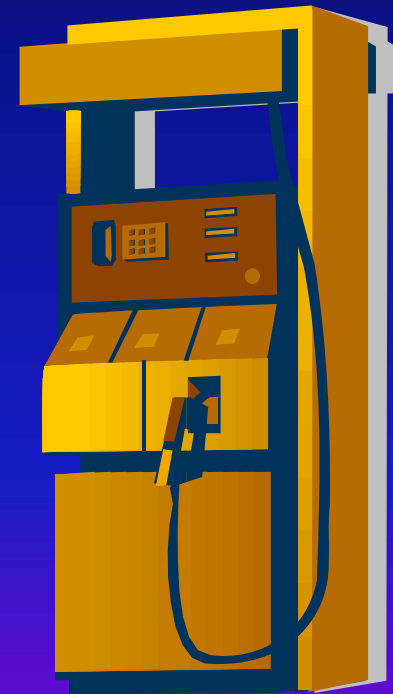
- Also known as vapor pots, thief ports, knock-out pots, etc.
- Expect certified system by April 2009
- Extension until April 1, 2010

E85 Phase II

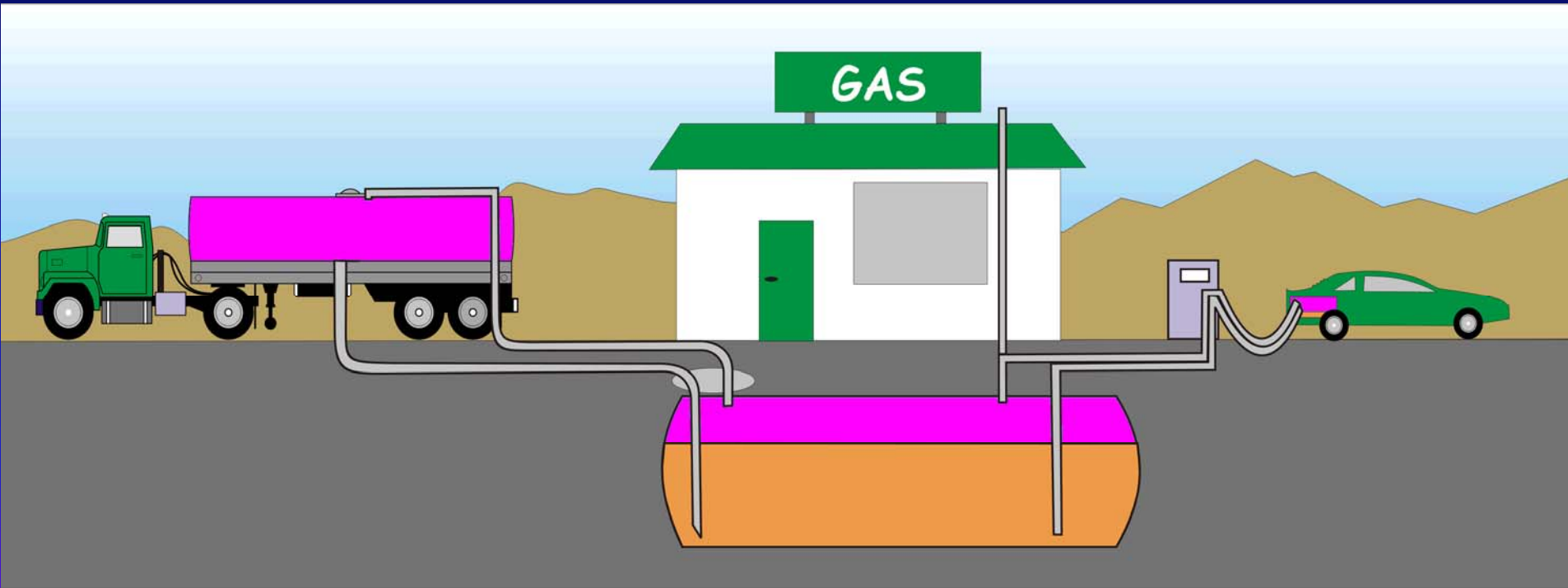
- ARB 2/20/08 letter encourages districts to revise rules to exempt Phase II from E85 dispensing
- No Phase II equipment certified for E85
- Executive Order will provide extension for EVR Phase II for E85 dispensing until April 2011

Balance System EVR Replacement Parts

- Expect advisory soon that will require replacement of balance system hanging hardware to meet EVR standards
- Includes balance nozzles, hoses and break-aways



Vapor Recovery at Service Stations



Phase I

Phase II

History of EVR Upgrades

March 2000 – EVR Program Approved

July 2001 – EVR Phase I for new sites

April 2003 – ORVR compatibility for new sites

April 2005 – EVR Phase I Deadline

April 2005 – EVR Phase II for new sites

Sept. 2005 – ISD for new sites

March 2006 – ORVR Compatibility Deadline

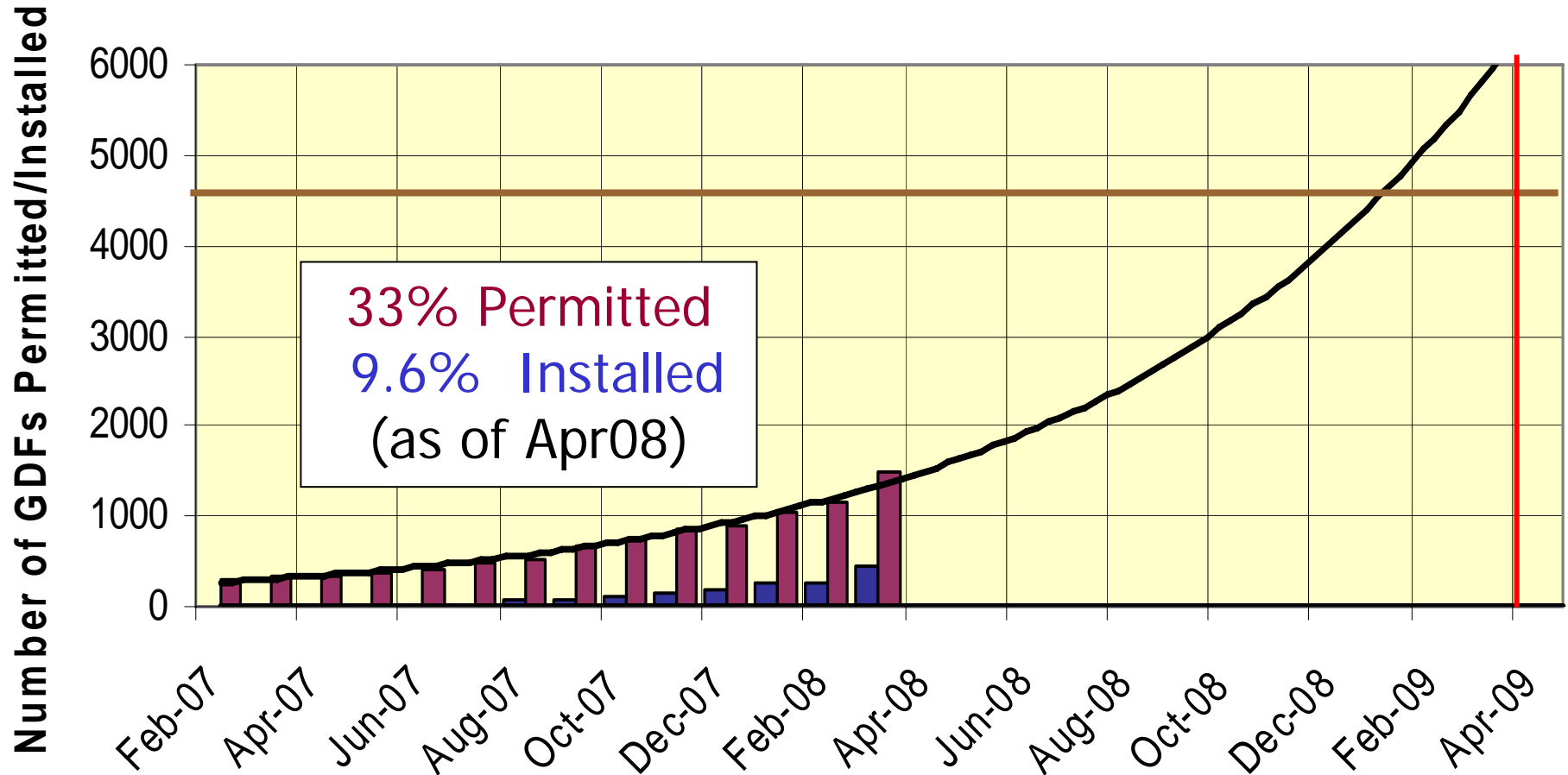
ORVR Upgrade Options

- ORVR Compatibility deadline was extended to allow GDFs to upgrade once to EVR Phase II system
- Most sites with non-ORVR compatible assist systems chose to go balance

Number of GDFs Subject to Phase II EVR Upgrade by April 2009

Air District	Number of GDFs	Percent	
South Coast	4500	39%	80%
Bay Area	2078	18%	
San Joaquin	1828	16%	
San Diego	843	7%	
8 districts	100 to 400	15%	20%
18 districts	< 100	5%	
		100%	

EVR Phase II Implementation in SCAQMD



Why the Wait?

- Waiting for EVR balance with ISD
 - EO signed April 1, 2008
- Waiting for additional EVR systems
 - Not until 4th quarter 2008 – at earliest
- Thinking there is still plenty of time
 - Permitting may take longer than you expect
- Thinking the deadline will be extended
 - Equipment and contractors are available
 - no reason to change deadline

Equipment Availability

- Now in stock at your local distributor
- Equipment now shipped by manufacturer within one week of order
- If that should change – use ARB form at www.arb.ca.gov/vapor/equipcontavail062207.pdf to report unavailability

Contractor Availability

	Franklin/ Healy	VST	Veeder- Root (ISD)	Franklin INCON (ISD)
Number of Certified Contractors	1205	35	512	92

Table from April 2008 staff report

Permitting

- Local permit agencies include:
 - Air pollution control district
 - Fire
 - Environmental Health (CUPA)
 - Building
 - Planning
- Most of these agencies not involved in Phase I or ORVR compatibility upgrades

RUST Fund Update

- Funding exhausted for this fiscal year
 - (July 2007 - June 2008).
- Taking applications for next fiscal year, but these funds will not be available until the state budget is signed.
- \$8 million to be available each year
 - \$5.3 million for loans
 - \$2.6 million for grants



Don't Wait to Start Upgrade!

- Now have balance option with ISD
- Additional systems not available until 4th quarter 2008 – if pass cert tests
- This upgrade will take longer than the previous EVR upgrades primarily due to permitting the pressure management device
- **April 2009 Deadline Will Not Be Extended!**

Staff Report: Actions Taken to Expedite Implementation

- Outreach and Communication
- Early Permit Application
- Contract with Local Agency Experts
- Exemption for ORVR Vehicle Fleets

EVR Outreach

- Workshops and informational meetings hosted by ARB staff, air districts, CUPAs and equipment distributors
- EVR advisories and email listserve
- EVR color brochure
- Focus on outreach to planning agencies
- “evrhome” webpage

Early Permit Requirements

- Sacramento Metro AQMD
 - waived fee if applied by April 1 2008 and installed EVR Phase II by Oct 1 2008
- San Diego ACPD
 - Permit applications due October 1, 2008
- South Coast AQMD
 - Compliance plan due October 1, 2008

ORVR Fleet Exemption

- Districts with ORVR exemption in rules
 - Bay Area
 - San Diego
 - South Coast
 - San Joaquin
- Rules vary on ORVR fleet %
- SCAQMD rule conditions
 - Exempt until 2012
 - Use EVR nozzles
 - Pressure monitoring

Staff Report: Actions Planned Regarding EVR Implementation

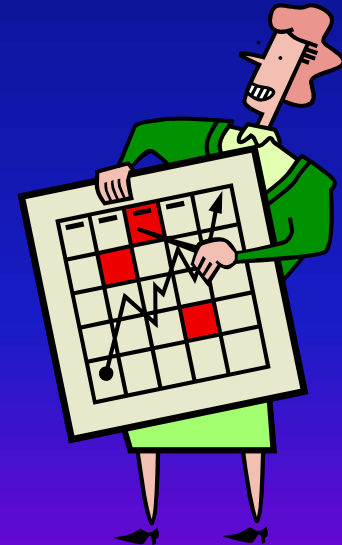
- Expand outreach to local planning and building agencies
- Continue monitoring EVR implementation progress
- Share EVR implementation status with stakeholders
- EVR status reports to Board

Process to Monitor Progress

- Regular updates from districts on permits and installations
- Check in with equipment manufacturers on order response time
- Monitor number of certified contractors
- Respond to “unavailability” forms

Future Status Reports

- EVR Phase II progress report at June 26-27 Board meeting in Sacramento
- Second staff report on EVR progress to Board in October 2008



The Bottom Line

No extension to the EVR
Phase II deadline.

There is still sufficient time and resources
available for the remaining GDFs to
meet the April 1, 2009 deadline

EVR Contacts

- **EVR Regulations** - Cindy Castronovo
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- **EVR Certification** - Pat Bennett
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- **ISD and AST certification** – George Lew
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- **In-Use Vapor Recovery** - Ranjit Bhullar
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www.arb.ca.gov/vapor/vapor.htm

www.evrhome.org

Questions?

